Index of Claims

| App | licati | on/Co | ntrol | No. |
|-----|--------|-------|-------|-----|
|-----|--------|-------|-------|-----|

10/568,130

CHOI, BYUNG HYUK

Applicant(s)/Patent under Reexamination

Examiner

Art Unit

Sarah Purol

3637

| <b>√</b> | Rejected |
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| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
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| Cla      | Date  |                                     |  |                                     |          |          |          |          |  |                 |
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| Cla      | $\vdash$  |                                     |  |                                     | Jak      |          |          | ı —      | $\dashv$   |                 |
| Final    | Original  | 7/15/09                             |  |                                     |          |          |          |          |  |                 |
|          | 1   | v                                   |  |                                     |          |          |          |          |  |                 |
|          | 1<br>2<br>3<br>4<br>5   | v<br>v                              |  |                                     |          |          |          |          |  |                 |
|          | 3   | ٧                                   |  |                                     |          |          |          |          |  |                 |
|          | 4   |                                     |  |                                     |          |          |          |          |  | Ш               |
|          | 5   |                                     |  |                                     |          |          |          |          |  |                 |
|          | 6   |                                     |  |                                     |          |          |          |          |  |                 |
|          | 6<br>7<br>8   |                                     |  |                                     |          | _        |          |          |  | Щ               |
|          | 8   |                                     |  |                                     |          | _        |          |          |  |                 |
|          | 40  |                                     |  |                                     |          |          |          |          |  |                 |
|          | 10  |                                     |  |                                     |          |          |          |          |  |                 |
|          | 12  |                                     |  |                                     |          |          |          |          |  |                 |
|          | 13  | H                                   |  |                                     |          |          |          |          |  | Н               |
|          | 14  | H                                   |  |                                     |          |          |          |          |  | $\vdash$        |
|          | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27 |                                     |  |                                     |          |          |          |          |  | Н               |
|          | 16  | Г                                   |  |                                     |          |          |          |          |  | П               |
|          | 17  |                                     |  |                                     |          |          |          |          |  |                 |
|          | 18  |                                     |  |                                     |          |          |          |          |  |                 |
|          | 19  |                                     |  |                                     |          |          |          |          |  |                 |
|          | 20  |                                     |  |                                     |          |          |          |          |  |                 |
|          | 21  |                                     |  |                                     |          |          |          |          |  |                 |
|          | 22  |                                     |  |                                     |          |          |          |          |  | Ш               |
|          | 23  |                                     |  |                                     |          |          |          |          |  |                 |
|          | 24  |                                     |  |                                     |          |          |          |          |  | Щ               |
|          | 25  |                                     |  |                                     |          |          |          |          |  |                 |
|          | 26  |                                     |  |                                     |          | _        |          | _        |  | $\square$       |
|          | 27  |                                     |  |                                     |          | _        |          |          |  | Ш               |
|          | 28<br>29  | $\vdash$                            |  |                                     |          | _        |          | _        |  | $\vdash$        |
|          | 30  |                                     |  |                                     |          |          |          |          |  |                 |
|          | 30  | $\vdash$                            |  | $\vdash$                            |          | $\vdash$ |          | $\vdash$ |  | Н               |
|          | 31<br>32  | $\vdash$                            |  | $\vdash$                            | _        | $\vdash$ | _        | $\vdash$ | $\vdash$   | $\vdash \vdash$ |
| <u> </u> | 33  | $\vdash$                            |  | $\vdash$                            |          | $\vdash$ |          | $\vdash$ | <del>                                     </del> | ${ m H}$        |
|          | 33<br>34  | H                                   |  |                                     |          | $\vdash$ |          | $\vdash$ | <del>                                     </del> | H               |
|          | 35  |                                     |  |                                     |          |          |          |          |  | Н               |
|          | 36  |                                     |  |                                     |          |          |          |          |  | H               |
|          | 37  |                                     |  |                                     |          |          |          |          |  | П               |
|          | 36<br>37<br>38  |                                     |  |                                     |          |          |          |          |  |                 |
|          | 39  |                                     |  |                                     |          |          |          |          |  |                 |
|          | 40  |                                     |  |                                     |          |          |          |          |  |                 |
|          | 41  |                                     |  |                                     |          |          |          |          |  | Ш               |
|          | 42  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | <u> </u> |          |          | <u> </u>   | Щ               |
|          | 43  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  | _                                   |          | _        |          | _        | _  | Щ               |
|          | 44  | $\vdash$                            |  | $\vdash$                            |          | <u> </u> |          | <u> </u> |  | Щ               |
|          | 45  | $\vdash$                            |  | $\vdash$                            |          | <u> </u> |          | <u> </u> | _  | Щ               |
|          | 46  | $\vdash$                            |  | $\vdash$                            |          | _        |          | _        | -  | $\sqcup$        |
|          | 47  | $\vdash$                            |  | $\vdash$                            | <u> </u> | _        | <u> </u> | -        |  | $\vdash \vdash$ |
|          | 48<br>49  | $\vdash$                            |  | $\vdash$                            |          | $\vdash$ |          | $\vdash$ |  | $\vdash \vdash$ |
|          | 50<br>50  | $\vdash$                            |  | $\vdash$                            |          | _        |          | _        |  | $\vdash$        |
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| Cla     | aim      |                                     |   |              |          | Date     | Э            |   |   |   |
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| <u></u> | Original |                                     |   |              |          |          |              |   |   |   |
| Final   | g.       |                                     |   |              |          |          |              |   |   |   |
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|         |          |                                     |   |              |          |          |              |   |   |   |
|         | 51       |                                     |   |              |          |          |              |   |   |   |
|         | 52       | $\vdash$                            |   | $\vdash$     |          | $\vdash$ |              |   |   |   |
|         |          | $\vdash$                            |   |              |          | _        |              |   |   |   |
|         | 53       |                                     |   |              |          | _        |              |   |   |   |
|         | 54       |                                     |   |              |          |          |              |   |   |   |
|         | 55       |                                     |   |              |          |          |              |   |   |   |
|         | 56       |                                     |   |              |          |          |              |   |   |   |
|         | 57       |                                     |   |              |          |          |              |   |   |   |
|         | 58       |                                     |   |              |          | $\vdash$ |              |   |   |   |
|         | 59       | $\vdash$                            |   | $\vdash$     |          | $\vdash$ |              |   |   |   |
|         | 00       | $\vdash$                            |   |              |          | -        |              |   |   |   |
|         | 60       | $\vdash$                            |   |              |          | _        |              |   |   |   |
|         | 61       | $ldsymbol{ldsymbol{eta}}$           |   |              |          |          |              |   |   |   |
|         | 62       |                                     |   |              |          |          |              |   |   |   |
|         | 63       |                                     |   |              |          | _        |              |   |   |   |
|         | 64       |                                     |   |              |          |          |              |   |   |   |
|         | 65       | Т                                   |   | Т            |          | $\vdash$ |              |   |   |   |
|         | 66       | $\vdash$                            |   | $\vdash$     |          | $\vdash$ |              |   |   |   |
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|         | 67       | $\vdash$                            |   | _            |          | _        |              |   |   |   |
|         | 68       |                                     |   |              |          |          |              |   |   |   |
|         | 69       |                                     |   |              |          |          |              |   |   |   |
|         | 70       |                                     |   |              |          |          |              |   |   |   |
|         | 71       |                                     |   |              |          |          |              |   |   |   |
|         | 72       |                                     |   |              |          |          |              |   |   |   |
|         | 72       | $\vdash$                            |   | $\vdash$     |          | $\vdash$ |              |   |   |   |
|         | 73<br>74 | $\vdash$                            |   |              |          |          |              |   |   |   |
|         | 74       | $\vdash$                            |   | $\vdash$     |          | <u> </u> |              |   |   |   |
|         | 75       | oxdot                               |   | $oxed{oxed}$ |          |          |              |   |   |   |
|         | 76       |                                     |   |              |          |          |              |   |   |   |
|         | 77       |                                     |   |              |          |          |              |   |   |   |
|         | 78       |                                     |   |              |          |          |              |   |   |   |
|         | 79       |                                     |   |              |          |          |              |   |   |   |
|         | 80       |                                     |   |              |          |          |              |   |   |   |
|         | 0.1      | $\vdash$                            |   | $\vdash$     |          | $\vdash$ |              |   |   |   |
|         | 81       | $\vdash$                            | _ | $\vdash$     |          | $\vdash$ | _            |   |   |   |
|         | 82       | $\vdash$                            |   | $\vdash$     |          | <u> </u> |              |   |   |   |
|         | 83       |                                     |   |              |          |          |              |   |   |   |
|         | 84       | L                                   | L | L            |          | L        | L            |   |   |   |
|         | 85       |                                     |   |              |          |          |              |   |   |   |
|         | 86       |                                     |   |              |          |          |              |   |   |   |
|         | 87       |                                     |   | $\vdash$     |          | $\vdash$ |              |   |   |   |
|         | 88       | $\vdash$                            | _ | $\vdash$     | Н        | $\vdash$ | <del></del>  |   | _ |   |
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|         | 89       |                                     |   |              |          | _        |              |   |   |   |
|         | 90       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |   | $oxed{oxed}$ |          | _        |              |   |   |   |
|         | 91       | L                                   |   | L            |          | L        | L            | L | L |   |
|         | 92       |                                     |   |              |          |          |              |   |   |   |
|         | 93       |                                     |   |              |          |          |              |   |   |   |
|         | 94       | Т                                   |   |              |          |          |              |   |   |   |
|         | 95       | $\vdash$                            | - | $\vdash$     | $\vdash$ | $\vdash$ | <del> </del> |   |   |   |
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|         | 96       | $\vdash$                            |   | L            | Ш        | _        |              |   |   |   |
|         | 97       | $oxed{}$                            |   | $oxed{oxed}$ |          | _        |              |   |   |   |
|         | 98       | L                                   | L | L            |          | L        | L            | L | L | L |
|         | 99       |                                     |   |              |          |          |              |   |   |   |
|         | 100      |                                     |   |              |          |          |              |   |   |   |
| $\Box$  |          | _                                   |   | _            |          |          |              |   |   |   |

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| Cla   | Claim             |          | Date     |          |          |          |          |          |  |          |  |
| Final | Original          |          |          |          |          |          |          |          |  |          |  |
|       | 101<br>102        |          |          |          |          |          |          |          |  |          |  |
|       | 102               |          |          |          |          |          |          |          |  |          |  |
|       | 103               |          |          |          |          |          |          |          |  |          |  |
|       | 104               |          |          |          |          |          |          |          |  |          |  |
|       | 105               |          |          |          |          |          |          |          |  |          |  |
|       | 106               |          |          |          |          |          |          |          |  |          |  |
|       | 107               |          |          |          |          |          |          |          |  |          |  |
|       | 108               |          |          |          |          |          |          |          |  |          |  |
|       | 109               |          |          |          |          |          |          |          |  |          |  |
|       | 110               |          |          |          |          |          |          |          |  |          |  |
|       | 111<br>112        |          |          |          |          |          |          |          |  | $\vdash$ |  |
|       | 113               |          |          | H        |          | $\vdash$ |          | $\vdash$ |  | $\vdash$ |  |
|       | 114               |          |          | H        |          | $\vdash$ |          | -        |  | $\vdash$ |  |
|       | 114<br>115        |          |          | $\vdash$ |          | $\vdash$ |          | $\vdash$ |  | $\vdash$ |  |
|       | 116               |          | $\vdash$ | H        |          |          |          |          |  |          |  |
|       | 117               |          | <u> </u> | H        | <u> </u> |          | <u> </u> | $\vdash$ |  |          |  |
|       | 117<br>118        |          |          |          |          |          |          |          |  |          |  |
|       | 119               |          |          |          |          |          |          |          |  |          |  |
|       | 120               |          |          |          |          |          |          |          |  |          |  |
|       | 120<br>121        |          |          |          |          |          |          |          |  |          |  |
|       | 122               |          |          |          |          |          |          |          |  |          |  |
|       | 122<br>123<br>124 |          |          |          |          |          |          |          |  |          |  |
|       | 124               |          |          |          |          |          |          |          |  |          |  |
|       | 125<br>126<br>127 |          |          |          |          |          |          |          |  |          |  |
|       | 126               |          |          |          |          |          |          |          |  |          |  |
|       | 127               |          |          |          |          |          |          |          |  |          |  |
|       | 128<br>129        |          |          |          |          |          |          |          |  |          |  |
|       | 129               |          |          |          |          |          |          |          |  |          |  |
|       | 130               |          |          |          |          |          |          |          |  |          |  |
|       | 131               |          | _        | $\vdash$ |          |          |          | _        |  | $\vdash$ |  |
|       | 132               |          | _        |          | _        | _        |          | _        |  | $\vdash$ |  |
|       | 133<br>134        |          |          | H        |          |          |          | _        |  | $\vdash$ |  |
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|       | 136               | $\vdash$ | -        | $\vdash$ | -        | $\vdash$ | -        | $\vdash$ |  | $\vdash$ |  |
|       | 137               |          |          | H        |          | $\vdash$ |          | $\vdash$ |  | $\vdash$ |  |
|       | 138               |          |          | $\vdash$ |          | $\vdash$ |          | $\vdash$ |  | $\vdash$ |  |
|       | 139               |          |          | $\vdash$ |          |          |          | $\vdash$ |  | $\vdash$ |  |
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|       | 142               |          |          |          |          |          |          |          |  |          |  |
|       | 143               |          |          |          |          |          |          |          |  |          |  |
|       | 144               |          |          |          |          |          |          |          |  |          |  |
|       | 145               |          |          |          |          |          |          |          |  |          |  |
|       | 146               |          |          |          |          |          |          |          |  |          |  |
|       | 147               |          |          |          |          |          |          |          |  |          |  |
|       | 148               |          |          |          |          |          |          |          |  |          |  |
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|       | 150               |          |          |          |          |          |          |          |  |          |  |